

Forest View Acres Water District

Operations Report – March 2011
Prepared by Gabrielle Begeman

Treatment Plants:

Arapahoe Water Plant:

- The upper limit set-point to shut off the well has been changed from 25' to 24.5' due to the scaling of the transducer and the tank level never reaching 25' as the overflow is somewhere around 24.96'.
- The Xcel Energy rebate for a variable frequency drive for the booster pump at the AWP is \$1250. This will just about cover the cost of the drive itself.
- The motor that we purchased will not meet the high efficiency standard to receive the \$750 rebate Xcel Energy offers for replacing old motors with high efficiency motors.

Booster Station

- The inline strainer fittings failed and broke which caused some drywall damage in the booster station. We estimate that the water was only leaking for about 3 hours at the most. Since then we have fixed the fittings, dried out the room and everything seems to be normal thus far.
- We have not had the booster station in operation since the fitting failure, as we are waiting for all electrical components to dry completely prior to start up or components. Should be this week.
- I have spoken to a number of contractors who are interested in giving us quotes on the building and excavating. We need specs and location to get an estimate. The best placement for the addition would be the North side of the current building.
- I still need to obtain one other quote for the tank installation at the booster station.

Surface Water Plant:

- I met Jeff w/ Golder and Associates to get a bid on installation of a PLC. I hope to have it by the meeting.

- I met with Tom of RCI to get a bid on removal of sludge in the backwash pond. I hope to have it by the meeting. Attached is an email from 2009, when we looked into hauling the sludge. Total cost would be \$11,000 and might have increased since 2009.
- The Plant will most likely need to be down for an extended period of time while we fix the backwash pond. We will not know how long until we can pump it out and inspect it thoroughly.
- Brenda and I looked at the lower inlet after hearing that John of J&K Excavating cleared out all of the gravel, per John Cressman, while he was clearing the rock-slide in the road.

Distribution system

- C&L Water Solutions came out on 4/1 to fix, what ended up as, 3 leaks within the system. Total cost was close to \$10k.
- Another leak was found in the field between Forest View Dr and Stone View Dr. We used John with J&K Excavating and the total cost for the repair will be in the neighborhood of \$1000. I was pleased with Johns work and would recommend using him in the future. He is local and has history with the district.
- Attached is the email string for reference about the field leak.